DAMPPROOFING AND WATERPROOFING MATERIALS
FIELD SECTION 1072

1072.1 SCOPE. To establish procedures for inspecting and sampling materials for use in damp proofing concrete structures and waterproofing concrete railroad bridge decks.

1072.2 PROCEDURE.

1072.2.1 Bituminous Prime Coat. Primer will be asphalt or creosote as required by the contract. A sample consisting of approximately one quart [1 liter] in a screw top can shall be submitted to the Laboratory for testing, with a sample record completed in SiteManag er. The sample shall be obtained in accordance with the methods shown in ASTM D41 for asphalt and ASTM D43 for creosote.

1072.2.2 Bituminous Mop Coat. Bitumen will be either asphalt or coal tar pitch as required by the contract. A sample of asphalt sh all consist of approximately one quart [1 liter] of material in a screw top can. A sample of coal-tar pitch shall consist of approximately 2 quarts [2 liters] of material in screw top cans. The samples shall be obtained in accordance ASTM D449 for asphal t and ASTM D450 for coal-tar pitch. These samples shall be submitted to the Laboratory for testing, with a sample record completed in SiteManager.

1072.2.3 Fabric. Bitumen-treated cotton fabric shall be inspected in the field for conformance with the weight [mass] and dimension requirements of ASTM D173. The weight [mass] of the wrapping and mandrel need not be determined unless the weight [mass] of the rolls appears to be questionable. A sample of the fabric shall be submitted to the Laboratory for tests. The sample shall be obtained by discarding the outside layer and cutting a sample from the full width of the roll 48 -in. [1200 mm] in length. A sample record completed in SiteManager should show the results of field weight [mass] and measurement t ests.

1072.2.4 Asphalt Plank. Asphalt plank shall be sampled and submitted to the Laboratory for testing. A sample shall consist of two full width planks each a minimum of 3 ft [900 mm] in length. A properly completed sample record should be entered i n SiteManager.

MATERIALS
ENGINEERING